SEQUENCE LISTING

<110> Daiichi Suntory Pharma Co.,Ltd.

<110> Kenji KANGAWA

<120> A method for producing a modified peptide

<130> D05F1044

<150> PCT/JP03/04590

<151> 2003-04-10

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<213> Homo sapiens

<223> Amino acid sequence for human endogenous peptides of growth hormone secretagogue

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Gly Ser Ser Phe Leu Ser Pro Glu His Gln Arg Val Gln Gln Arg Lys
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Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
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<212> PRT

<213> Homo sapiens

<223> Amino acid sequence for human endogenous peptides (27 amino acids) of growth hormone secretagogue

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Gly Ser Ser Phe Leu Ser Pro Glu His Gln Arg Val Gln Arg Lys Glu
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Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
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<213> Rattus norvegicus

<223> Amino acid sequence for rat endogenous peptides of growth hormone secretagogue

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Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
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Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
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<213> Rattus norvegicus

<223> Amino acid sequence for rat endogenous peptides (27 amino acids) of growth hormone secretagogue

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Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg

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<213> Mus musculus

<223> Amino acid sequence for mouse endogenous peptides of growth hormone secretagogue

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Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys

1 5 10 15

Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg

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<213> Sus scrofa (pig)

<223> Amino acid sequence for porcine endogenous peptides of growth hormone secretagogue

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Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Val Gln Gln Arg Lys

1 5 10 15

Glu Ser Lys Lys Pro Ala Ala Lys Leu Lys Pro Arg

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<212> PRT

<213> Bos taurus

<223> Amino acid sequence for bovine endogenous peptides (27 amino acids) of growth hormone secretagogue

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Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Leu Gln Arg Lys Glu
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Ala Lys Lys Pro Ser Gly Arg Leu Lys Pro Arg
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<213> Ovis aries

<223> Amino acid sequence for ovine endogenous peptides (27 amino acids) of growth hormone secretagogue

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Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Leu Gln Arg Lys Glu
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Pro Lys Lys Pro Ser Gly Arg Leu Lys Pro Arg
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<213> Canis familiaris

<223> Amino acid sequence for dog endogenous peptides of growth hormone secretagogue

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<213> Anguilla japonica

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<223> Amino acid sequence for eel endogenous peptides of growth hormone secretagogue

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Lys Pro Pro Arg Val
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<213> Oncorhynchus mykiss

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<221> AMIDATION

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<223> Amino acid sequence for rainbow trout endogenous peptides (23 amino

acids) of growth hormone secretagogue

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Lys Gly Lys Pro Pro Arg Val
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<210> 12

<211> 20

<212> PRT

<213> Oncorhynchus mykiss

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<221> AMIDATION

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<223> Amino acid sequence for rainbow trout endogenous peptides (20 amino acids) of growth hormone secretagogue

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Pro Pro Arg Val
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<210> 13

<211> 24

<212> PRT

<213> Gallus domesticus

<223> Amino acid sequence for chicken endogenous peptides of growth hormone secretagogue

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Gly Thr Arg Lys Pro Thr Ala Arg
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<213> Gallus domesticus
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Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys
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Asp Thr Arg Lys Pro Thr Ala Arg
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<213> Gallus domesticus
<223> Amino acid sequence for chicken endogenous peptides of growth hormone secretagogue
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Gly Ser Ser Phe Leu Ser Pro Thr Tyr Lys Asn Ile Gln Gln Gln Lys
1 5 10 15
Asp Thr Arg Lys Pro Thr Ala Arg Leu His
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<210> 16

<211> 27

<212> PRT

<213> Rana cafesbeiana

<223> Amino acid sequence for frog endogenous peptides of growth hormone secretagogue

<400> 16

Gly Leu Thr Phe Leu Ser Pro Ala Asp Met Gln Lys Ile Ala Glu Arg
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Gln Ser Gln Asn Lys Leu Arg His Gly Asn Met
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<210> 17

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<213> Rana cafesbeiana

<223> Amino acid sequence for frog endogenous peptides of growth hormone secretagogue

<400> 17

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Gln Ser Gln Asn Lys Leu Arg His Gly Asn Met Asn
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<210> 18

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<213> Tilapia nilotica

<220>

<221> AMIDATION

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Gly Ser Ser Phe Leu Ser Pro Ser Gln Lys Pro Gln Asn Lys Val Lys
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Ser Ser Arg Ile
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<210> 19

<211> 22

<212> PRT

<213> Silurus asotus

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<221> AMIDATION

<222> 22

<223> Amino acid sequence for catfish endogenous peptides of growth hormone secretagogue

<400> 19

Gly Ser Ser Phe Leu Ser Pro Thr Gln Lys Pro Gln Asn Arg Gly Asp
1 5 10 15

Arg Lys Pro Pro Arg Val
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<210> 20

<211> 23

<212> PRT

<213> Silurus asotus

<223> Amino acid sequence for catfish endogenous peptides of growth hormone secretagogue

<400> 20

Gly Ser Ser Phe Leu Ser Pro Thr Gln Lys Pro Gln Asn Arg Gly Asp
1 5 10 15

Arg Lys Pro Pro Arg Val Gly
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<210> 21

<211> 28

<212> PRT

<213> Equus caballus

<223> Amino acid sequence for equine endogenous peptides of growth hormone secretagogue

<400> 21

Gly Ser Ser Phe Leu Ser Pro Glu His His Lys Val Gln His Arg Lys
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Glu Ser Lys Lys Pro Pro Ala Lys Leu Lys Pro Arg
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<210> 22

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Ala Asp Val Arg Leu Tyr Arg Arg His His Gly Ser Gly Ser Pro Ser
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Arg His Pro Arg
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Ala Asp Val Arg Leu Tyr Arg Arg His His Gly Ser Gly Ser Pro Ser
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Arg His Arg Arg

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